



# UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILED/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/017,497	12/14/2001	Brian W. Baird	50001/83:2

3528  
 STOEL RIVES LLP  
 900 SW FIFTH AVENUE  
 SUITE 2600  
 PORTLAND, OR 97204

**COPY OF PAPERS  
 ORIGINALLY FILED**

**CONFIRMATION NO. 5632**

**FORMALITIES LETTER**



\*OC000000007716874\*

Date Mailed: 03/26/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

06/03/2002 SMCNASS1 00000050 10017497

01 FC:101	740.00 0F
02 FC:103	306.00 0F
03 FC:102	252.00 0F
04 FC:105	130.00 0F

**FILED UNDER 37 CFR 1.53(b)**

***Filing Date Granted***

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$558.
  - \$300 for 17 total claims over 20.
  - \$252 for 3 independent claims over 3 .
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1428.

*A copy of this notice **MUST** be returned with the reply.*

*Fdr*  
 Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

#3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Brian W. Baird, Michael J. Wolfe,  
Richard S. Harris, Kevin P. Fahey,  
Lian-Cheng Zou, and Thomas R. McNeil**



Application No. 10/017,497

Group Art Unit: 1732

Filed: December 14, 2001

For: **ULTRAVIOLET LASER ABLATIVE PATTERNING  
OF MICROSTRUCTURES IN SEMICONDUCTORS**

Date: May 23, 2002

Examiner: To be assigned

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TRANSMITTAL LETTER

TO THE COMMISSIONER FOR PATENTS:

Enclosed for filing in the above-referenced application are the following:

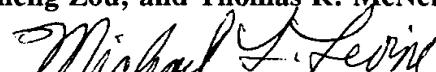
- Notice to File Missing Parts of Nonprovisional Application, Filing Date Granted
- Combined Declaration and Power of Attorney for Patent Application
- Preliminary Amendment, with enclosed copies of FIGS. 3 and 4 with the changes shown in red ink, in addition to the replacement drawings
- Transmittal letter (in duplicate)
- Fee Transmittal (in duplicate)
- Return-receipt postcard
- Check for \$1,428.00 in payment of following fees:
  - \$ 740.00 - Basic filing fee
  - \$ 306.00 - 17 total claims over 20
  - \$ 252.00 - 3 independent claims over 3
  - \$ 130.00 - Surcharge for late filing of oath

The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Account No. 19-4455. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

**Brian W. Baird, Michael J. Wolfe,  
Richard S. Harris, Kevin P. Fahey,  
Lian-Cheng Zou, and Thomas R. McNeil**

By:

  
Michael L. Levine

Registration No. 33,947

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, Oregon 97204-1268  
Telephone: (503) 224-3380  
Facsimile: (503) 220-2480  
Attorney Docket No. 50001/83:2 USA

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL  
for FY 2002

JUN 03 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1428.00)

## Complete if Known

Application Number	10/017,497
Filing Date	12/14/2001
First Named Inventor	Brian W. Baird
Examiner Name	To be assigned
Group Art Unit	1732
Attorney Docket No.	50001/83:2 USA

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 19-4455  
Deposit Account Name Stoel Rives LLP

Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.  
See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Fee Code (\$)	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	130.00
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,280	241	640 Petition to revive - unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
Other fee (specify) _____				
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 130.00)

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203
102	84	202
104	280	204
109	84	209
110	18	210
SUBTOTAL (2) (\$ 558.00)		

\*\*or number previously paid, if greater; For Reissues, see above

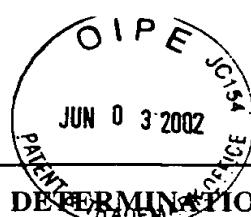
\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 130.00)

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Michael L. Levine	Registration No. (Attorney/Agent)	33,947	Telephone 503-224-3380
Signature		Date	05/23/2002	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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PATENT APPLICATION FEE DETERMINATION RECORD				Application or Docket Number 50001/83:2
CLAIMS AS FILED - PART I (Column 1) (Column 2)				SMALL ENTITY OR OTHER THAN SMALL ENTITY
FOR	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE
BASIC FEE (37 CFR 1.16(a))			\$ _____	\$ _____
TOTAL CLAIMS (37 CFR 1.16(c))	37	minus 20 = * 17	x \$ _____ =	OR x \$ 18 = 306.00
INDEPENDENT CLAIMS (37 CFR 1.16(b))	6	minus 3 = * 3	x _____ =	OR x 84 = 252.00
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))			+ _____ =	OR + _____ =
* If the difference in column 1 is less than zero, enter "0" in column 2			TOTAL	OR TOTAL 558.00
CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)				SMALL ENTITY OR OTHER THAN SMALL ENTITY
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ADDITIONAL FEE
	Total (37 CFR 1.16(c)) * Minus ** =			x \$ _____ =
	Independent (37 CFR 1.16(b)) * Minus *** =			x _____ =
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			x _____ =	OR x _____ =
(Column 1) (Column 2) (Column 3)			TOTAL ADDIT. FEE	OR TOTAL ADDIT. FEE
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ADDITIONAL FEE
	Total (37 CFR 1.16(c)) * Minus ** =			x \$ _____ =
	Independent (37 CFR 1.16(b)) * Minus *** =			x _____ =
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			x _____ =	OR x _____ =
(Column 1) (Column 2) (Column 3)			TOTAL ADDIT. FEE	OR TOTAL ADDIT. FEE
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ADDITIONAL FEE
	Total (37 CFR 1.16(c)) * Minus ** =			x \$ _____ =
	Independent (37 CFR 1.16(b)) * Minus *** =			x _____ =
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			x _____ =	OR x _____ =
(Column 1) (Column 2) (Column 3)			TOTAL ADDIT. FEE	OR TOTAL ADDIT. FEE

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  
 \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".  
 \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".  
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.



Application No.: 10/017,497

Filed: December 14, 2001

Inventors: Brian W. Baird, Michael J. Wolfe,  
Richard S. Harris, Kevin P. Fahey,  
Lian-Cheng Zou, and Thomas R. McNeil

Title: ULTRAVIOLET LASER ABLATIVE PATTERNING  
OF MICROSTRUCTURES IN SEMICONDUCTORS

Art Unit: 1732

Examiner: To be assigned

Attorney Docket No.: 50001/83:2 USA

AF3  
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### CERTIFICATE OF MAILING

Date of Deposit: May 23, 2002

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS  
BEING DEPOSITED WITH THE UNITED STATES  
POSTAL SERVICE AS FIRST CLASS MAIL IN  
AN ENVELOPE ADDRESSED TO: BOX MISSING  
PARTS, ASSISTANT COMMISSIONER FOR PATENTS,  
WASHINGTON, D.C. 20231

Lois M. Rosenbladt  
Signature

Lois M. Rosenbladt

Typed or printed name of person  
signing certificate

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#### Attachments:

- Notice to File Missing Parts of Nonprovisional Application, Filing Date Granted
- Combined Declaration and Power of Attorney for Patent Application Preliminary Amendment, with enclosed copies of FIGS. 3 and 4 with the changes shown in red ink, in addition to the replacement drawings
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